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**DECLARATION FOR UTILITY OR
DESIGN
PATENT APPLICATION
(37 CFR 1.63)**

Declaration Submitted OR Declaration Submitted after Initial Filing (surcharge (37 CFR 1.16 (e)) required)

Attorney Docket Number **614.17.123**

First Named Inventor **Dretler**

COMPLETE IF KNOWN

Application Number **09 / 347,591**

Filing Date **July 1, 1999**

Group Art Unit

Examiner Name

As a below named inventor, I hereby declare that:

My residence, post office address, and citizenship are as stated below next to my name.

I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled:

ENTRAINING BIOLOGICAL CALCULI

the specification of which

(Title of the Invention)

is attached hereto

OR

was filed on (MM/DD/YYYY)

07/01/99

as United States Application Number or PCT International

Application Number **09/347,591** and was amended on (MM/DD/YYYY) (if applicable).

I hereby state that I have reviewed and understand the contents of the above identified specification, including the claims, as amended by any amendment specifically referred to above.

I acknowledge the duty to disclose information which is material to patentability as defined in 37 CFR 1.56.

I hereby claim foreign priority benefits under 35 U.S.C. 119(a)-(d) or 365(b) of any foreign application(s) for patent or inventor's certificate, or 365(a) of any PCT international application which designated at least one country other than the United States of America, listed below and have also identified below, by checking the box, any foreign application for patent or inventor's certificate, or of any PCT international application having a filing date before that of the application on which priority is claimed.

Prior Foreign Application Number(s)	Country	Foreign Filing Date (MM/DD/YYYY)	Priority Not Claimed	Certified Copy Attached? YES NO
			<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>

Additional foreign application numbers are listed on a supplemental priority data sheet PTO/SB/02B attached hereto.

I hereby claim the benefit under 35 U.S.C. 119(e) of any United States provisional application(s) listed below.

Application Number(s)	Filing Date (MM/DD/YYYY)

Additional provisional application numbers are listed on a supplemental priority data sheet PTO/SB/02B attached hereto.

[Page 1 of 4]

Burden Hour Statement: This form is estimated to take 0.4 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.

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DECLARATION — Utility or Design Patent Application

I hereby claim the benefit under 35 U.S.C. 120 of any United States application(s), or 365(c) of any PCT international application designating the United States of America, listed below, and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States or PCT international application in the manner provided by the first paragraph of 35 U.S.C. 112, I acknowledge the duty to disclose information which is material to patentability as defined in 37 CFR 1.56 which became available between the filing date of the prior application and the national or PCT international filing date of this application.

U.S. Parent Application or PCT Parent Number	Parent Filing Date (MM/DD/YYYY)	Parent Patent Number (if applicable)

Additional U.S. or PCT International application numbers are listed on a supplemental priority data sheet PTO/SB/02B attached hereto.

As a named inventor, I hereby appoint the following registered practitioner(s) to prosecute this application and to transact all business in the Patent and Trademark Office connected therewith: Customer Number _____ → Place Customer Number Bar Code Label here
 Registered practitioner(s) name/registration number listed below

Name	Registration Number	Name	Registration Number
James B. Lampert	24,564		

Additional registered practitioner(s) named on supplemental Registered Practitioner Information sheet PTO/SB/02C attached hereto.

Direct all correspondence to: Customer Number _____ OR Correspondence address below

Name	James B. Lampert				
Address	Hale and Dorr LLP				
Address	60 State Street				
City	Boston	State	MA	ZIP	02109
Country	US	Telephone	617-526-6000		Fax 617-526-5000

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under 18 U.S.C. 1001 and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

Name of Sole or First Inventor: A petition has been filed for this unsigned inventor

Given Name (first and middle if any)	Family Name or Surname
Stephen P.	Dretler

Inventor's Signature	<i>Stephen P. Dretler</i>					Date	10/29/99
Residence: City	Wayland	State	MA	Country	US	Citizenship	US
Post Office Address	7 Deer Run						
Post Office Address							
City	Wayland	State	MA	ZIP	01778	Country	US

Additional inventors are being named on the 1 supplemental Additional Inventor(s) sheet(s) PTO/SB/02A attached hereto

Please type a plus sign (+) inside this box →

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DECLARATION		ADDITIONAL INVENTOR(S) Supplemental Sheet Page <u>1</u> of <u>1</u>
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Name of Additional Joint Inventor, if any:		<input type="checkbox"/> A petition has been filed for this unsigned inventor					
Given Name (first and middle [if any])		Family Name or Surname					
Paul D.		Geragotelis					
Inventor's Signature	<i>Paul D. Geragotelis</i>						Date
Residence: City	Sharon	State	MA	Country	US	Citizenship	US
Post Office Address	596 Mountain Street						
Post Office Address							
City	Sharon	State	MA	ZIP	02067	Country	US
Name of Additional Joint Inventor, if any:		<input type="checkbox"/> A petition has been filed for this unsigned inventor					
Given Name (first and middle [if any])		Family Name or Surname					
Inventor's Signature							Date
Residence: City		State		Country		Citizenship	
Post Office Address							
Post Office Address							
City		State		ZIP		Country	
Name of Additional Joint Inventor, if any:		<input type="checkbox"/> A petition has been filed for this unsigned inventor					
Given Name (first and middle [if any])		Family Name or Surname					
Inventor's Signature							Date
Residence: City		State		Country		Citizenship	
Post Office Address							
Post Office Address							
City		State		ZIP		Country	

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PTO/SB/02C (3-97)

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Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE
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DECLARATION		REGISTERED PRACTITIONER INFORMATION (Supplemental Sheet)	
Name	Registration Number	Name	Registration Number
Wayne M. Kennard	30,271		
Michael J. Bevilacqua	31,091		
Hollie L. Baker	31,321		
Henry N. Wixon	32,073		
Anne-Louise Kerner	33,523		
Wayne A. Keown	33,923		
Michael A. Diener	37,122		
Donald R. Steinberg	37,241		
Gretchen A. Rice	37,429		
Keum J. Park	42,059		
Richard A. Goldenberg	38,895		
Colleen Superko	39,850		

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[Page 4 of 4]

FORM FTO-1595
(Rev. 6-93)
OMB No. 0651-0011 (exp. 4/94)

REC:

10-27-1999



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HEET U.S. DEPARTMENT OF COMMERCE
Patent and Trademark Office

Check original documents or copy thereof.

1. Name of conveying party(ies):
Stephen R. Dwyer, Paul D. Geragotellis

Additional name(s) of conveying party(ies) attached? Yes No

3. Nature of conveyance:

- Assignment Merger
 Security Agreement Change of Name
 Other _____

Execution Date: 9/14/99, 8/2/99, respectively

2. Name and address of receiving party(ies):

Name: The MicroSpring Company LLC

Internal Address: _____

Street Address: 77 Accord Park Drive, Building A

City: Norwell State: MA ZIP: 02061

Additional name(s) & address(es) attached? Yes No

4. Application number(s) or patent number(s):

If this document is being filed together with a new application, the execution date of the application is: _____

A. Patent Application No.(s)
09/347,591

B. Patent No.(s)

Additional numbers attached? Yes No

5. Name and address of party to whom correspondence concerning document should be mailed:

Name: Kcum J. Park

Internal Address: _____

Street Address: Hale and Dorr LLP

60 State Street

City: Boston State: MA ZIP: 02109

6. Total number of applications and patents involved: 1

7. Total fee (37 CFR 3.41) \$40

Enclosed

Authorized to be charged to deposit account

Charge any additional fees associated with this paper or during the pendency of this application, or credit any overpayment, to deposit account.

8. Deposit account number:

08-0219 (Atty. Docket No. 614.17.123)

(Attach duplicate copy of this page if paying by deposit account)

10/27/1999 RTHBLL 00000064 000219 09347591

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41-PC-581

40.00 \$0

9. Statement and signature.

To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document.

Kcum J. Park
Name of Person Signing

Signature

October 21, 1999
Date

Total number of pages including cover sheet, attachments, and document: 1

Mail documents to be recorded with required cover sheet information to:
Commissioner of Patents & Trademarks, Box Assignments
Washington, D.C. 20231

PATENT
REEL: 010329 FRAME: 0384

Attorney Docket No. 614.17.123

ASSIGNMENT

WHEREAS, I, Stephen P. Dretler, being a citizen of the United States, residing at 7 Deer Run, Wayland, Massachusetts 01778, and I, Paul D. Geragotelis, being a citizen of the United States, residing at 596 Mountain Street, Sharon, Massachusetts 02067, are inventors of certain new and useful inventions, improvements or discoveries (hereinafter "said inventions"), for which an application for Letters Patent entitled "ENTRAINING BIOLOGICAL CALCULI," was filed with the United States Patent and Trademark Office on July 1, 1999, and assigned United States Patent Application Number 09/347,591, a declaration for which I have executed on an even day herewith (hereinafter "said application"); and

WHEREAS, The MicroSpring Company LLC, whose address is 77 Accord Park Drive, Building A, Norwell, Massachusetts 02061-1605, and which, together with its successors and assigns is hereinafter called "ASSIGNEE," is desirous of acquiring the title, rights, benefits, and privileges hereinafter recited;

NOW, THEREFORE, for and in consideration of good and valuable consideration furnished by ASSIGNEE to us, receipt and sufficiency of which we hereby acknowledge, we hereby, without reservation:

1. Assign, transfer, and convey to ASSIGNEE the entire right, title, and interest in and to said inventions, said application, any and all other applications for Letters Patent for any inventions based directly or indirectly in whole or in part upon said inventions or said application, any and all United States or foreign Letters Patent which may be granted for any of said inventions or upon said application or any of said other applications, together with every priority right that is or may be predicated upon, or arise from any of said inventions, said application, said other applications or said Letters Patent;

Attorney Docket No. 614.17 123

2. Authorize ASSIGNEE to file patent applications in any or all countries on any or all of said inventions in our names or in the name of ASSIGNEE or otherwise as ASSIGNEE may deem advisable, under International Conventions or otherwise;

3. Authorize and request the Commissioner of Patents and Trademarks of the United States of America and the empowered officials of all other governments throughout the world to issue or transfer all said Letters Patents to ASSIGNEE, as assignee of the entire right, title, and interest therein or otherwise as ASSIGNEE may direct;

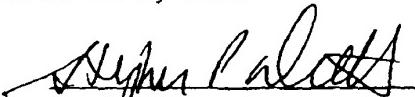
4. Bind our heirs, legal representatives, and assigns, as well as ourselves, to do, upon ASSIGNEE's request and at ASSIGNEE's expense, but without additional consideration to us or them, all acts reasonably serving to assure that said inventions, said application, said other applications, and said Letters Patents shall be held and enjoyed by ASSIGNEE as fully and entirely as the same could have been held and enjoyed by us, our heirs, legal representatives, and assigns if this Assignment had not been made; and particularly to execute and deliver to ASSIGNEE all lawful application documents including petitions, specifications, and oaths, and all assignments, disclaimers, and lawful affidavits in form and substance as may be requested by ASSIGNEE; and to communicate to ASSIGNEE all facts known to us relating to said inventions and to testify as to the same in any court or proceeding; and to furnish ASSIGNEE any and all documents or other things in my control or in the control of our heirs, legal representatives, or assigns which may be useful for establishing the facts of our conceptions, disclosures, and reduction to practice of said inventions.

Attorney Docket No. 614.17.123

5. The undersigned hereby grant(s) Hollie L. Baker, Reg. No. 31,321; Michael J. Bevilacqua, Reg. No. 31,091; Michael A. Diener, Reg. No. 37,122; Richard A. Goldenberg, Reg. No. 38, 895; Wayne M. Kennard, Reg. No. 30,271; Wayne A. Keown, Ph.D., Reg. No. 33,923; Ann-Louise Kerner, Ph.D., Reg. No. 33,523; James B. Lampert, Reg. No. 24,564; Keum J. Park, Reg. No. 42,059; Gretchen A. Rice, Ph.D., Reg. No. 37,429; Donald R. Steinberg, Reg. No. 37,241; Colleen Superko, Reg. No. 39,850; and Henry N. Wixon, Reg. No. 32,073 of HALE AND DORR LLP, 60 State Street, Boston, Massachusetts 02109, power to insert on this assignment any further identification which may be necessary or desirable in order to comply with the rules of the United States Patent and Trademark Office for recordation of this document.

IN WITNESS WHEREOF, I have hereunto set my hand.

DATE: 9/14/99

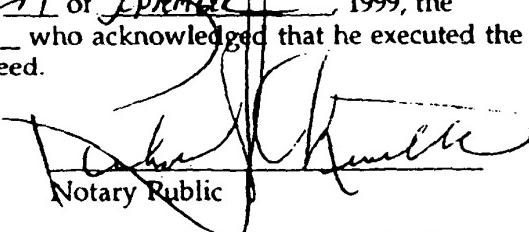

Stephen P. Dreter

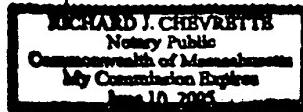
IN TESTIMONY WHEREOF, I have hereunto set my hand and seal this 14 day of September, 1999.

L.S.

State of Massachusetts)
County of Suffolk)

Personally appeared before me this 14 of September, 1999, the above-named Stephen P. Dreter who acknowledged that he executed the foregoing instrument as his free act and deed.


Notary Public



Attorney Docket No. 614.17.123

DATE: 8/2/99

Paul D. Geragotelis
Paul D. Geragotelis

IN TESTIMONY WHEREOF, I have hereunto set my hand and seal this 2nd
day of August, 1999.

L.S.

ate of MASS)
ounty of Norfolk)

Personally appeared before me this 2nd of August, 1999, the
above-named Paul D. Geragotelis who acknowledged that he executed the
foregoing instrument as his free act and deed.

Alex J. Kenneke
Notary Public

MY COMMISSION EXPIRES MARCH 20, 2001

-4-

RECORDED: 10/25/1999

PATENT
REEL: 010329 FRAME: 0388



POWER OF ATTORNEY
FROM ASSIGNEE

The MicroSpring Company LLC whose principal address is 77 Accord Park Drive, Building A, Norwell, Massachusetts 02061-1605, Assignee of the entire right, title and interest for the United States of America (as defined in 35 U.S.C. §100), of an invention known as "Entraining Biological Calculi" (Attorney Docket No. 614.17.123) which is disclosed and claimed in a patent application of the same title with and through an Assignment to the Assignee executed on 9/14/99* by Stephen P. Dretler** with and through said application filed on July 1, 1999 at the U.S. Patent and Trademark Office, having Serial No. 09/347,591.

The Assignee hereby appoints the following attorneys to prosecute this application and such division, continuation, and reissue applications thereof as are filed by them on behalf of the Assignee, and to transact all business in the U.S. Patent and Trademark Office connected therewith: Hollie L. Baker, Reg. No. 31,321; Michael J. Bevilacqua, Reg. No. 31,091; Michael A. Diener, Reg. No. 37,122; Richard A. Goldenberg, Reg. No. 38,895; Wayne M. Kennard, Reg. No. 30,271; Wayne A. Keown, Ph.D., Reg. No. 33,923; Ann-Louise Kerner, Ph.D., Reg. No. 33,523; James B. Lampert, Reg. No. 24,564; Keum J. Park, Reg. No. 42,059; Gretchen A. Rice, Ph.D., Reg. No. 37,429; Donald R. Steinberg, Reg. No. 37,241; Colleen Superko, Reg. No. 39,850; Henry N. Wixon, Reg. No. 32,073.

Assignee hereby grants the named attorneys the power to insert on this Power of Attorney any further identification which may be necessary or desirable in order to comply with the rules of the U.S. Patent and Trademark Office.

Send Correspondence to:

James B. Lampert
Hale and Dorr LLP
60 State Street
Boston, MA 02109

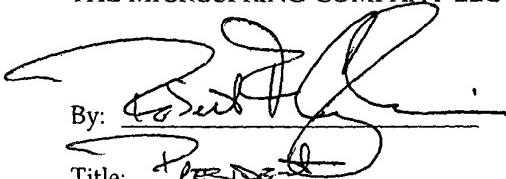
Direct phone calls to:

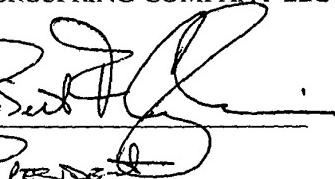
(617) 526-6000

*and 8/2/99

**and Paul D. Geragotelis,
respectively

THE MICROSPRING COMPANY LLC

By: 

Title: 

Date: 
9/22/99